

Please type a plus sign (+) inside this box



PTO/SB/01 (08-03)

Approved for use through 07/31/2008, OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e) required))	Attorney Docket Number	29329-714.201
	First Named Inventor	ALPERN, Robert, et al.
	COMPLETE IF KNOWN	
	Application Number	Not Yet Assigned
	Filing Date	Herewith
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND COMPOSITIONS FOR TREATMENT OF ION IMBALANCES

(Title of the Invention)

the specification of which

☒ Is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

Please type a plus sign (+) inside this box



PTO/SB/01 (08-03)
Approved for use through 07/31/2008.OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number		021971		OR <input type="checkbox"/> Correspondence address below	
Name Anle K. Roche					
Address Wilson Sonsini Goodrich & Rosati					
Address 650 Page Mill Road					
City Palo Alto		State CA		ZIP 94304	
Country U.S.		Telephone 650-493-9300		Fax 650-493-6811	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any)) ALPERN			Family Name or Surname ROBERT		
Inventor's Signature <i>Robert J. Alpern</i>			Date 3/26/04		
Residence: City Dallas		State Texas		Country USA	
Citizenship USA					
Mailing Address 4609 San Gabriel Drive					
City Dallas		State Texas		ZIP 75229	
Country USA					
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any)) JERRY			Family Name or Surname BUYSSE		
Inventor's Signature <i>Jerry Buysse</i>			Date 3/22/04		
Residence: City Los Altos		State California		Country USA	
Citizenship USA					
Mailing Address 270 Alvarado Avenue					
City Los Altos		State California		ZIP 94022	
Country USA					
<input type="checkbox"/> Additional inventors or legal representative are being named on the ____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

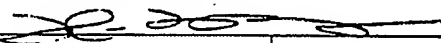
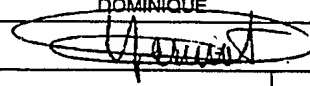
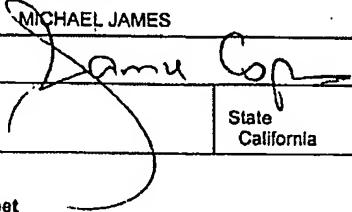
[Page 2 of 2]

Please Type a plus sign (+) inside this box 

PTO/SB/02A (08-03)
Approved for use through 08/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

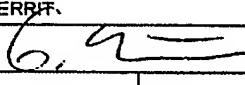
DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>3</u> of <u>4</u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
HAN TING		CHANG	
Inventor's Signature 		Date <u>03/22/04</u>	
Residence: City Livermore	State California	Country USA	Citizenship Taiwan
Mailing Address 220 Garnet Drive			
Mailing Address			
City Livermore	State California	ZIP 94550	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
DOMINIQUE		CHARMOT	
Inventor's Signature 		Date <u>03/22/04</u>	
Residence: City Campbell	State California	Country USA	Citizenship France
Mailing Address 1238 Bracebridge Court			
Mailing Address			
City Campbell	State California	ZIP 95008	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
MICHAEL JAMES		COPE	
Inventor's Signature 		Date <u>22nd Mar 2004</u>	
Residence: City Berkeley	State California	Country USA	Citizenship Ireland
Mailing Address 1111 Russell Street			
Mailing Address			
City Berkeley	State California	ZIP 94702	Country USA

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
JOHN		FORDTRAN	
Inventor's Signature <i>John S Fordtran</i>		Date <i>3-24-04</i>	
Residence: City Dallas	State Texas	Country USA	Citizenship USA
Mailing Address 3508 Hanover Street			
Mailing Address			
City Dallas	State Texas	ZIP 75225	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
GERRIT		KLAERNER	
Inventor's Signature		Date	
Residence: City San Jose	State California	Country USA	Citizenship Germany
Mailing Address 5456 Fern Drive			
Mailing Address			
City San Jose	State California	ZIP 95124	Country USA

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63: The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
JOHN		FORDTRAN	
Inventor's Signature			Date
Residence: City Dallas	State Texas	Country USA	Citizenship USA
Mailing Address 3508 Hanover Street			
Mailing Address			
City Dallas	State Texas	ZIP 75225	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
GERRIT		KLAERNER	
Inventor's Signature 			Date 3/22/04
Residence: City San Jose	State California	Country USA	Citizenship Germany
Mailing Address 5456 Fern Drive			
Mailing Address			
City San Jose	State California	ZIP 95124	Country USA

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

**POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR
UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS**

The undersigned ASSIGNEE of the entire interest in:

- ☐ U.S. Patent No.
☒ U.S. Application filed herewith, entitled "METHODS AND COMPOSITIONS FOR TREATMENT OF ION IMBALANCES,"
 Attorney Docket No.: 29329-714.201

hereby appoints the following attorneys of Wilson Sonsini Goodrich & Rosati:

Attorney Name	Reg. No.	Attorney Name	Reg. No.
Vern Norviel	32,483	Scott Morris	43,818
James Shay	32,062	Maya Skubatch	52,505
Michael Barclay	32,553	Nicole Fortuné	52,905
Michael Murphy	37,404	Shirley Chen	44,608
U.P. Peter Eng	39,666	Julie Holloway	44,769
Benjamin Glenn	44,713	Kevin Sin	43,110
George Willman	41,378	Michael Panepucci	37,203
Anie Roche	50,512		

and all Wilson Sonsini Goodrich & Rosati attorneys registered to practice before the United States Patent and Trademark Office, to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

(complete one of the following)

- ☒ a copy of an Assignment attached hereto, which Assignment for the Application is herewith forwarded to the Patent and Trademark Office for recording; or
- ☐ the Assignment recorded on ___ at reel ___, frames ___-___.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE.

Direct all correspondence and telephone calls to:

Name	Anie K. Roche					
Address	Wilson Sonsini Goodrich and Rosati					
Address	650 Page Mill Road					
City	Palo Alto	State	CA	Zip	94304	Customer No.: 021971
Country	USA	Telephone	(650) 493-9300	Fax	(650) 493-6811	

ASSIGNEE: SYMYX THERAPEUTICS, INC.

Name: Dominique Charmot

Signature

Title: Director, Chemistry

Date: 03/22/04